

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

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Searching 1790 to present...

Results of Search in 1790 to present db for:

(((cluster OR classify) OR identify) AND (feature OR features)) AND "unsupervised learning")
AND ((internet OR web) OR network)): 118 patents.

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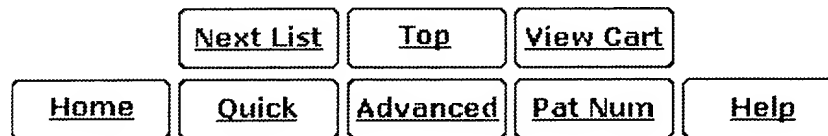
[Refine Search](#) (cluster or classify or identify) and (feature or

- | PAT. NO. | Title |
|--------------|---|
| 1 6,606,625 | T Wrapper induction by hierarchical data analysis |
| 2 6,601,049 | T Self-adjusting multi-layer neural network architectures and methods therefor |
| 3 6,594,024 | T Monitor CMP process using scatterometry |
| 4 6,584,470 | T Multi-layered semiotic mechanism for answering natural language questions using document retrieval combined with information extraction |
| 5 6,584,456 | T Model selection in machine learning with applications to document clustering |
| 6 6,574,565 | T System and method for enhanced hydrocarbon recovery |
| 7 6,574,378 | T Method and apparatus for indexing and retrieving images using visual keywords |
| 8 6,564,153 | T Method and apparatus for predicting the presence of an abnormal level of one or more proteins in the clotting cascade |
| 9 6,549,907 | T Multi-dimensional database and data cube compression for aggregate query support on numeric dimensions |
| 10 6,546,137 | T Flash system for fast and accurate pattern localization |
| 11 6,529,891 | T Automatic determination of the number of clusters by mixtures of bayesian networks |
| 12 6,505,181 | T Recognition system |
| 13 6,505,150 | T Article and method of automatically filtering information retrieval results using test genre |
| 14 6,496,816 | T Collaborative filtering with mixtures of bayesian networks |
| 15 6,490,571 | T Method and apparatus for neural networking using semantic attractor architecture |

- 16 [6,490,527](#) **T** [Method for characterization of rock strata in drilling operations](#)
- 17 [6,483,938](#) **T** [System and method for classifying an anomaly](#)
- 18 [6,463,423](#) **T** [Multi-winners feedforward neural network](#)
- 19 [6,446,076](#) **T** [Voice interactive web-based agent system responsive to a user location for prioritizing and formatting information](#)
- 20 [6,424,960](#) **T** [Unsupervised adaptation and classification of multiple classes and sources in blind signal separation](#)
- 21 [6,411,903](#) **T** [System and method for delineating spatially dependent objects, such as hydrocarbon accumulations from seismic data](#)
- 22 [6,411,724](#) **T** [Using meta-descriptors to represent multimedia information](#)
- 23 [6,408,290](#) **T** [Mixtures of bayesian networks with decision graphs](#)
- 24 [6,408,227](#) **T** [System and method for controlling effluents in treatment systems](#)
- 25 [6,405,162](#) **T** [Type-based selection of rules for semantically disambiguating words](#)
- 26 [6,401,085](#) **T** [Mobile communication and computing system and method](#)
- 27 [6,382,029](#) **T** [Apparatus and method for utilizing electromagnetic acoustic transducers to non-destructively analyze in-service conductive materials](#)
- 28 [6,374,251](#) **T** [Scalable system for clustering of large databases](#)
- 29 [6,356,905](#) **T** [System, method and article of manufacture for mobile communication utilizing an interface support framework](#)
- 30 [6,321,164](#) **T** [Method and apparatus for predicting the presence of an abnormal level of one or more proteins in the clotting cascade](#)
- 31 [6,317,718](#) **T** [System, method and article of manufacture for location-based filtering for shopping agent in the physical world](#)
- 32 [6,286,012](#) **T** [Information filtering apparatus and information filtering method](#)
- 33 [6,278,799](#) **T** [Hierarchical data matrix pattern recognition system](#)
- 34 [6,266,593](#) **T** [Automotive occupancy sensor gray zone neural net conditioning process for airbag deployment systems](#)
- 35 [6,264,824](#) **T** [Assessment of corrosion](#)
- 36 [6,263,337](#) **T** [Scalable system for expectation maximization clustering of large databases](#)
- 37 [6,247,002](#) **T** [Method and apparatus for extracting features characterizing objects, and use thereof](#)
- 38 [6,246,787](#) **T** [System and method for knowledgebase generation and management](#)
- 39 [6,243,489](#) **T** [Method for a neural network for representing imaging functions](#)
- 40 [6,240,291](#) **T** [Method for handoff in wireless communication systems using pattern recognition](#)
- 41 [6,236,942](#) **T** [System and method for delineating spatially dependent objects, such as hydrocarbon accumulations from seismic data](#)
- 42 [6,226,408](#) **T** [Unsupervised identification of nonlinear data cluster in multidimensional data](#)
- 43 [6,219,682](#) **T** [Vector normalizing apparatus](#)
- 44 [6,202,062](#) **T** [System, method and article of manufacture for creating a filtered information summary based on multiple profiles of each single user](#)
- 45 [6,199,099](#) **T** [System, method and article of manufacture for a mobile communication network](#)

utilizing a distributed communication network

- 46 [6,195,651](#) **T** [System, method and article of manufacture for a tuned user application experience](#)
- 47 [6,192,351](#) **T** [Fuzzy neural networks](#)
- 48 [6,175,643](#) **T** [Neural network based auto-windowing system for MR images](#)
- 49 [6,134,548](#) **T** [System, method and article of manufacture for advanced mobile bargain shopping](#)
- 50 [6,119,112](#) **T** [Optimum cessation of training in neural networks](#)
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Results of Search in 1790 to present db for:

(((((cluster OR classify) OR identify) AND (feature OR features)) AND "unsupervised learning") AND ((internet OR web) OR network)): 118 patents.

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| PAT. NO. | Title |
|------------------------------|--|
| 51 6,115,708 | T Method for refining the initial conditions for clustering with applications to small and large database clustering |
| 52 6,108,004 | T GUI guide for data mining |
| 53 6,105,015 | T Wavelet-based hybrid neurosystem for classifying a signal or an image represented by the signal in a data system |
| 54 6,100,901 | T Method and apparatus for cluster exploration and visualization |
| 55 6,058,352 | T Accurate tissue injury assessment using hybrid neural network analysis |
| 56 6,058,206 | T Pattern recognizer with independent feature learning |
| 57 6,047,277 | T Self-organizing neural network for plain text categorization |
| 58 6,038,338 | T Hybrid neural network for pattern recognition |
| 59 6,038,337 | T Method and apparatus for object recognition |
| 60 6,035,057 | T Hierarchical data matrix pattern recognition and identification system |
| 61 6,026,397 | T Data analysis system and method |
| 62 6,014,461 | T Apparatus and method for automatic knowlege-based object identification |
| 63 6,012,058 | T Scalable system for K-means clustering of large databases |
| 64 6,009,418 | T Method and apparatus for neural networking using semantic attractor architecture |
| 65 6,004,267 | T Method for diagnosing and staging prostate cancer |

- 66 5,987,442 **T** Method and apparatus for learning network behavior trends and predicting future behavior of communications networks
- 67 5,966,460 **T** On-line learning for neural net-based character recognition systems
- 68 5,963,653 **T** Hierarchical information fusion object recognition system and method
- 69 5,957,950 **T** Vascular acoustic emission analysis in a balloon angioplasty system
- 70 5,940,529 **T** Self-organizing circuits
- 71 5,926,296 **T** Vector normalizing apparatus
- 72 5,870,768 **T** Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications
- 73 5,850,470 **T** Neural network for locating and recognizing a deformable object
- 74 5,835,901 **T** Perceptive system including a neural network
- 75 5,822,745 **T** Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications
- 76 5,822,741 **T** Neural network/conceptual clustering fraud detection architecture
- 77 5,812,992 **T** Method and system for training a neural network with adaptive weight updating and adaptive pruning in principal component space
- 78 5,806,056 **T** Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications
- 79 5,790,758 **T** Neural network architecture for gaussian components of a mixture density function
- 80 5,741,648 **T** Cell analysis method using quantitative fluorescence image analysis
- 81 5,734,796 **T** Self-organization of pattern data with dimension reduction through learning of non-linear variance-constrained mapping
- 82 5,733,721 **T** Cell analysis method using quantitative fluorescence image analysis
- 83 5,729,662 **T** Neural network for classification of patterns with improved method and apparatus for ordering vectors
- 84 5,720,007 **T** Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications
- 85 5,706,402 **T** Blind signal processing system employing information maximization to recover unknown signals through unsupervised minimization of output redundancy
- 86 5,703,959 **T** Method and device for analyzing particles
- 87 5,696,885 **T** Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications
- 88 5,689,620 **T** Automatic training of character templates using a transcription and a two-dimensional image source model
- 89 5,649,070 **T** Learning system with prototype replacement
- 90 5,644,686 **T** Expert system and method employing hierarchical knowledge base, and interactive multimedia/hypermedia applications
- 91 5,644,652 **T** System and method for automatic handwriting recognition with a writer-independent chirographic label alphabet
- 92 5,621,815 **T** Global threshold method and apparatus
- 93 5,602,886 **T** Neural net controlled tag gas sampling system for nuclear reactors

- 94 [5,594,809](#) **T** [Automatic training of character templates using a text line image, a text line transcription and a line image source model](#)
- 95 [5,590,218](#) **T** [Unsupervised neural network classification with back propagation](#)
- 96 [5,566,273](#) **T** [Supervised training of a neural network](#)
- 97 [5,566,092](#) **T** [Machine fault diagnostics system and method](#)
- 98 [5,561,741](#) **T** [Method of enhancing the performance of a neural network](#)
- 99 [5,559,929](#) **T** [Method of enhancing the selection of a training set for use in training of a neural network](#)
- 100 [5,557,686](#) **T** [Method and apparatus for verification of a computer user's identification, based on keystroke characteristics](#)
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[Refine Search](#)

| PAT. NO. | Title |
|-------------------------------|---|
| 101 5,493,688 | T <u>Pattern categorization system having self-organizing analog fields</u> |
| 102 5,485,908 | T <u>Pattern recognition using artificial neural network for coin validation</u> |
| 103 5,485,390 | T <u>Inductive-deductive process design for machined parts</u> |
| 104 5,479,576 | T <u>Neural network learning system inferring an input-output relationship from a set of given input and output samples</u> |
| 105 5,479,574 | T <u>Method and apparatus for adaptive classification</u> |
| 106 5,469,530 | T <u>Unsupervised training method for a neural net and a neural net classifier device</u> |
| 107 5,444,820 | T <u>Adaptive system and method for predicting response times in a service environment</u> |
| 108 5,444,796 | T <u>Method for unsupervised neural network classification with back propagation</u> |
| 109 5,311,600 | T <u>Method of edge detection in optical images using neural network classifier</u> |
| 110 5,263,120 | T <u>Adaptive fast fuzzy clustering system</u> |
| 111 5,251,144 | T <u>System and method utilizing a real time expert system for tool life prediction and tool wear diagnosis</u> |
| 112 5,218,529 | T <u>Neural network system and methods for analysis of organic materials and structures using spectral data</u> |
| 113 5,214,746 | T <u>Method and apparatus for training a neural network using evolutionary programming</u> |
| 114 5,179,596 | T <u>Analog pattern categorization system having dual weighted connectivity between nodes</u> |
| 115 5,092,343 | T <u>Waveform analysis apparatus and method using neural network techniques</u> |
| 116 5,014,219 | T <u>Mask controlled neural networks</u> |

- 117 [4,926,064](#)  [Sleep refreshed memory for neural network](#)
 - 118 [4,783,751](#)  [Analysis of pore complexes](#)
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